

## Abstract

A device for transporting film (5), in particular unperforated film (5) without slippage, preferably intermittently, powered by a power source, preferably an electric motor (8), having at least one element such as a needle point (2) mechanically engage film (5) by entering it and transporting film (5) from a start position to a stop position. An element such as a pressure plate (7) may be used in one embodiment to hold the film steady during exposure and a movable element (7) may act on the film to hold it during exposure. At least one mark may be exposed on film (5) to aid in picture registration. At least one roller (31) controls the length of loops of film (5) before and after the aperture. The roller (31) may transport the film (5) by friction, or, in another embodiment the roller (31) may have radially mounted needles (2) which penetrate film (5) to hold film (5) while transporting it. Provision may be made to protect the device in the event of a jam of polyester-base film (5) which is difficult to tear, by causing unit (12) holding needle (2) or needles (2) transporting film (5) to swivel, in one embodiment, to disengage needle (2) or needles (2) from film (5) and automatically switch off electric motor (8).